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Case MB 383

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Wolfram Schmid et al

Title: INTERNAL COMBUSTION ENGINE WITH AN EXHAUST GAS  
TURBOCHARGER

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Hon. Commissioner for Patents  
P.O. 1450  
Alexandria, VA 22313-1450

January 15, 2004

SIR:

INFORMATION DISCLOSURE STATEMENT - SECTION 1.97(b)

Under the provisions of 37 C.F.R. Section 1.56, and in accordance with 37 C.F.R. Sections 1.97 and 1.98, applicants' representative hereby submits US Patent & Trademark Office Form PTO-1449. Copies of the references cited therein are submitted for consideration in the examination of the above-referenced patent application. It is respectfully requested that they be made of record, along with whatever references the Examiner may find in the course of a search, should the Examiner consider them material to the subject application.

The reference, which is assigned to the assignee of the present invention, has been discussed in detail in the introductory part of the application.

It is considered to represent the closest state of the art, but it does not disclose that in an internal combustion engine having an exhaust system with a turbocharger including an exhaust gas turbine disposed in the engine exhaust duct, a bypass line connected to the exhaust duct upstream of the turbine including a valve for diverting exhaust gas flow and bypassing the turbine, the valve includes a valve body having first and second exhaust gas flow control openings of different flow cross-sections and being adjustable between a first position in which the first flow control openings is in communication with the exhaust gas duct, a second position in which the second flow control opening is in communication

with the exhaust gas duct and a blocking position in which exhaust gas bypass flow through the valve is blocked.

This Statement is hereby submitted under Section 1.97(b) since it is being submitted concurrently with the filing of the above-referenced application.

Respectfully submitted,



Klaus J. Bach, Reg. No.: 26832



01-30-04

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Commissioner for Patents  
Alexandria, VA 22313-1450

January 28, 2004

SIR:

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The references have been cited in the corresponding German case. However none has been marked "X" as being particularly pertinent

Furthermore, the references were considered to represent only background information with regard to claim 7 of the present application, which defines an arrangement, wherein the engine has two exhaust gas pipes connected to different turbine inlet passages and each exhaust pipe is in connection with a respective release opening in the valve housing, so that the by-pass flows from the two exhaust pipes can be adjusted differently.

This Statement is hereby submitted under Section 1.97(b) since it is being submitted concurrently with the filing of the above-referenced application.

Respectfully submitted,



Klaus J. Bach, Reg. No.: 26832

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>MB 383</b>	SERIAL NO.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT <b>Wolfram Schmid et al.</b>				
(Use several sheets if necessary)			FILING DATE		GROUP		
U.S. PATENT DOCUMENTS							
IN.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	DE 198 43 026 C 2	03/23/00	DE			Abr	
	DE 197 05 422 C 1	09/17/98	DE			Abr	
	DE 196 18 160 C 2	11/13/97	DE			Abr	
	DE 198 25 920 A 1	12/23/99	DE			Abr	
	DE 101 32 672 A 1	01/16/03	DE			Abr	
OTHER DOCUMENTS ( Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER			DATE CONSIDERED				

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